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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/691,690	10/18/2000	Mats A. Brenner	A13-26546US 4875		
128 7:	590 03/09/2004		EXAM	EXAMINER	
HONEYWELL INTERNATIONAL INC.			TRAN, KHAI		
101 COLUMBIA ROAD P O BOX 2245			ART UNIT	PAPER NUMBER	
MORRISTOWN, NJ 07962-2245			2631	7	
			DATE MAILED: 03/09/2004		

Please find below and/or attached an Office communication concerning this application or proceeding.

		PRG
	Application No	Applicant(s)
	09/691,690	BRENNER, MATS A.
Office Action Summary	Examiner	Art Unit
	KHAI TRAN	2631
- The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the c	orrespondence address
A SHORTENED STATUTORY PERIOD FOR REPL' THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a repl If NO period for reply is specified above, the maximum statutory period of Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	I36(a). In no event, however, may a reply be timely within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE	nely filed rs will be considered timely. the mailing date of this communication. (D (35 U.S.C. § 133).
Status		
Responsive to communication(s) filed on 18 O This action is FINAL . 2b) ☑ This Since this application is in condition for alloware closed in accordance with the practice under E	s action is non-final. ince except for formal matters, pro	
Disposition of Claims		
4) ☐ Claim(s) 1-42 is/are pending in the application 4a) Of the above claim(s) is/are withdray 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-42 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or	wn from consideration.	
Application Papers		
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the Example 11.	cepted or b) objected to by the l drawing(s) be held in abeyance. Sec tion is required if the drawing(s) is ob	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureau * See the attached detailed Office action for a list	ts have been received. ts have been received in Applicati ority documents have been receive u (PCT Rule 17.2(a)).	ion No ed in this National Stage
Attachment(s) 1) Notice of References Cited (PTO-892)	4) Interview Summary	
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 	Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:	ate Patent Application (PTO-152)

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DETAILED ACTION

Drawings

- 1. Figure 1 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.
- 2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the signal distortion detector must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

The disclosure is objected to because of the following informalities:
 Page 11, lines 8 and 11, the term "determined" should be –determine--.
 Appropriate correction is required.

Claim Rejections - 35 USC § 112

4. Claims 1-42 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which

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was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The element of the signal distortion detector in the claims is not disclosed or supported by the specification for determining differences between the correlation measurements along the correlation curve that detects a signal distortion from the differences.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Renard et al (U.S. Pat. 5,781,152) disclose a method and circuit for the reception of signals for positioning by satellite with elimination of multiple-path errors.

Molev-Shteiman (U.S. Pat. 6,345,068) discloses a receiver.

Valio (U.S. Pat. 6,658,048) discloses a global positioning system code phase detector.

Hatch (U.S. Pat. 6,603,803) discloses a global positioning system receiver.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHAI TRAN whose telephone number is (703) 305-1876. The examiner can normally be reached on 7:00AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mohammed Ghayour can be reached on (703)306-3034. The fax phone

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number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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March 04, 2004